

0 .	For receiving Office use only	
)-1	International Application No.	OCT
-2	International Filing Date	10.4.03
-3	Name of receiving Office and "PCT	4.60
~	International Application"	受領印
·		
4	Form - PCT/RO/101 PCT Request	
-4-1	Prepared using	PCT-EASY Version 2.92
		(updated 01.01.2003)
-5	Petition	
	The undersigned requests that the	
	present international application be processed according to the Patent	
	Cooperation Treaty	
-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
)-7	Applicant's or agent's file reference	663723
	Title of invention	METHOD AND APPARATUS FOR FACE
		DESCRIPTION AND RECOGNITION USING
		HIGH-ORDER EIGENCOMPONENTS
li .	Applicant	
I <b>I-1</b>	This person is:	applicant only
II-2	Applicant for	all designated States except US
11-4	Name	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD
11-5	Address:	1006, Oaza Kadoma,
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11-6	State of nationality	JP
11-7	State of residence	JP
111-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1 <b>-4</b>	Name (LAST, First)	GAO, Yongsheng
III-1 <b>-</b> 5	Address:	c/o School of Computer Engineering,
•		Nanyang Technological University,
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		639798 Singapore
		Singapore
III-1-6	State of nationality	CN
III-1-7	State of residence	SG



III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
111-2-2	Applicant for	US only
-  -2-4	Name (LAST, First)	LEE, Chak Joo
111-2-5	Address:	Block 5000D, Marine Parade Road, #05-13
		Laguna Park,
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		Singapore
III-2-6	State of nationality	SG
III-2-7	State of residence	SG
111-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
111-3-2	Applicant for	US only
111-3-4	Name (LAST, First)	SHEN, Sheng Mei
111-3-5	Address:	Block 20, Choa Chu Kang Street 64,
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		Singapore
111-3-6	State of nationality	SG
111-3-7	State of residence	SG
111-4	Applicant and/or inventor	
111-4-1	This person is:	applicant and inventor
III <del>-4</del> -2	Applicant for	US only
111-4-4	Name (LAST, First)	HUANG, Zhongyang
111-4-5	Address:	Block 608, Choa Chu Kang Street 62,
		#08-105,
		680608 Singapore
		Singapore
III <del>-4-</del> 6	State of nationality	CN
111-4-7	State of residence	SG
111-5	Applicant and/or inventor	
III- <b>5</b> -1	This person is:	applicant and inventor
III <b>-</b> 5-2	Applicant for	US only
111-5-4	Name (LAST, First)	SENOH, Takanori
111-5-5	Address:	1-24-8, Higashinakaburi,
		Hirakata-shi, Osaka 573-0093
		Japan
III-5-6	State of nationality	JP
111-5-7	State of residence	JP



IV-1	Agent or common representative; or address for correspondence					
•	The person identified below is hereby/has been appointed to act on behalf of the	agent				
	applicant(s) before the competent International Authorities as:	الفريق المراجع في المراجع المر المراجع المراجع				
IV-1-1	Name (LAST, First)	KAWAMIYA, Osamu				
IV-1-2	Address:	AOYAMA & PARTNERS				
		IMP Building, 3-7, Shiromi 1-chome,				
		Chuo-ku,				
		Osaka-shi, Osaka 540-0001				
		Japan				
IV-1-3	Telephone No.	06-6949-1261				
IV-1-4	Facsimile No.	06-6949-0361				
IV-2	Additional agent(s)	additional agent(s) with same address as				
		first named agent				
IV-2-1	Name(s)	ISHINO, Masahiro				
v	Designation of States					
V-1	Regional Patent	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM				
	(other kinds of protection or treatment, if any, are specified between parentheses	ZW and any other State which is a				
	after the designation(s) concerned)	Contracting State of the Harare Protocol				
		and of the PCT				
		EA: AM AZ BY KG KZ MD RU TJ TM and any				
٠.		other State which is a Contracting State				
	·	of the Eurasian Patent Convention and of				
		the PCT				
		EP: AT BE BG CHELI CY CZ DE DK EE ES FI				
		FR GB GR HU IE IT LU MC NL PT SE SI SK				
		TR and any other State which is a				
		Contracting State of the European Patent				
`		Convention and of the PCT				
		OA: BF BJ CF CG CI CM GA GN GQ GW ML MR				
		NE SN TD TG and any other State which is				
		a member State of OAPI and a Contracting				
		State of the PCT				
V-2	National Patent (other kinds of protection or treatment, if	AE AG AL AM AT AU AZ BA BB BG BR BY BZ				
	any, are specified between parentheses	CA CHELI CN CO CR CU CZ DE DK DM DZ EC				
	after the designation(s) concerned)	EE ES FI GB GD GE GH GM HR HU ID IL IN				
-		IS KE KG KR KZ LC LK LR LS LT LU LV MA				
		MD MG MK MN MW MX MZ NI NO NZ OM PH PL				
		FI RO RO BE BE BE BE BE BE BE				
		TT TZ UA UG US UZ VC VN YU ZA ZM ZW				



V-5	Precautionary Designation Statement		
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b)		
	all designations which would be permitted	عد ند ند میک دید کی دید	
	under the PCT except any designation(s)		,
	of the State(s) indicated under item V-6		,
	below. The applicant declares that those		•
	additional designations are subject to confirmation and that any designation		
	which is not confirmed before the		
	expiration of 15 months from the priority		
	date is to be regarded as withdrawn by		
	the applicant at the expiration of that time		•
V-6	limit.  Exclusion(s) from precautionary	NONE	
v-0	designations	NONE	
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	12 April 2002 (12.04.	
VI-1-2	Number	Patent Application No	2002-110936
VI-1-3	Country	JP	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International	VI-1	
	Bureau a certified copy of the earlier		
	Bureau a certified copy of the earlier application(s) identified above as item(s):		(TDO) (TGA/ED)
VII-1	Bureau a certified copy of the earlier	European Patent Offic	ce (EPO) (ISA/EP)
VIII	Bureau a certified copy of the earlier application(s) identified above as item(s): International Searching Authority Chosen Declarations	Number of declarations	ce (EPO) (ISA/EP)
	Bureau a certified copy of the earlier application(s) identified above as item(s): International Searching Authority Chosen		ce (EPO) (ISA/EP)
VIII	Bureau a certified copy of the earlier application(s) identified above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's	Number of declarations	ce (EPO) (ISA/EP)
VIII VIII-1	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing	Number of declarations	ce (EPO) (ISA/EP)
VIII VIII-1 VIII-2	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	Number of declarations	ce (EPO) (ISA/EP)
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VIII VIII-1 VIII-2	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the	Number of declarations	ce (EPO) (ISA/EP)
VIII VIII-1 VIII-2 VIII-3	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United	Number of declarations	ce (EPO) (ISA/EP)
VIII VIII-1 VIII-2 VIII-3	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial	Number of declarations	ce (EPO) (ISA/EP)
VIII VIII-1 VIII-2 VIII-3	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United	Number of declarations	ce (EPO) (ISA/EP)
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	Number of declarations	
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  Check list	Number of declarations	e (EPO) (ISA/EP)  electronic file(s) attached
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  Check list  Request (including declaration sheets)	Number of declarations  number of sheets 5	
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description	Number of declarations  number of sheets 5 16	
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  Check list  Request (including declaration sheets)	Number of declarations  number of sheets 5 16	electronic file(s) attached -
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VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3	Bureau a certified copy of the earlier application(s) identified above as item(s):  International Searching Authority Chosen  Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  Check list  Request (including declaration sheets)  Description  Claims	Number of declarations  number of sheets 5 16	electronic file(s) attached -

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	Accompanying items	paper document(s) attached	electronic file(s) attached				
IX-8	Fee calculation sheet	<b>√</b>	-				
IX-11	Copy of general power of attorney	. 🗸	<b> </b>				
IX-17	PCT-EASY diskette		Diskette				
IX-18	Other (specified):	revenue stamps of	-				
•		transmittal fee for					
	• :	receiving office					
IX-18	Other (specified):	certificate of	-				
		payment of basic					
		fee and designation	·				
		fee					
IX-18	Other (specified):	certificate of	-				
		payment of search					
		fee					
IX-19	Figure of the drawings which should accompany the abstract	3					
IX-20	Language of filing of the international application	English					
X-1	Signature of applicant, agent or common representative						
X-1-1	Name (LAST, First)	KAWAMIYA, Osamu					

### FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application				·. ·		•.		
10-2	Drawings:	· .		*	•			: .	
10-2-1	Received		,						
10-2-2	Not received	<b>\</b>							
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application								
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)								
10-5	International Searching Authority	ISA/EP							-
10-6	Transmittal of search copy delayed until search fee is paid				:				

### FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	•	•	•	
·	the International Bureau	 		<del></del>	<u>.</u>